

# METHODS AND PROGRAM PRODUCTS FOR OPTIMIZING PROBLEM CLUSTERING

## ABSTRACT OF THE DISCLOSURE

5 Exemplary embodiments of the present invention are directed to  
methods and program products for optimizing clustering of a design structure  
matrix. An embodiment of the present invention includes the steps of using a  
genetic operator to achieve an optimal clustering of a design structure matrix  
model. Other exemplary embodiments of the invention leverage the optimal  
10 clustering by applying a genetic operator on a module-specific basis.